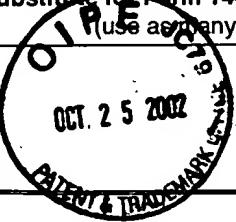


Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 042390P10312	Application Number: 09/738,686
		First Named Inventor: Douglas E. Crafts	Confirmation Number: 9954
		Filing Date: December 15, 2000	Art Unit: 2839

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
TL		4,973,127		Cannon, et al.	11/27/1990	
		4,983,012		Saito, et al.	1/8/1991	
		5,037,179		Bortolin	8/6/1991	
		5,689,599		Shahid	11/18/1997	
		5,818,994		Hehmann	10/6/1998	
		6,160,936		You, et al.	12/12/2000	
		6,181,855	B1	Richter, et al.	1/30/2001	
		6,243,518	B1	Lee et al.	6/5/2001	
		6,241,399	B1	Nobuhara	6/5/2001	
		5,574,811		Bricheno et al.	11/12/1996	
		6,394,663	B1	Nakagawa, et al.	5/28/2002	
TL		6,240,235	B1	Uno et al.	5/29/2001	
TL		5,613,024		Shahid	3/18/1997	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
TL		EP	0-667-543	A1	Corning Incorporated	8/16/1995		
		JP	01-142508		Nippon Sheet Glass	6/5/1989		
		JP	10-206685		Kyocera Corporation	11/30/1998		
		JP	60-158410		Shimadzu Corporation	12/27/1985		
TL		JP	02-156211	A	Sumitomo Electronics Ind. Ltd.	6/15/1990		
TL		JP	09-230168	A	Kyocera Corporation	9/5/1998		

Examiner Signature	T. LE	Date Considered	OCT 28 2002
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